

FILE NOTATIONS

Entered in NID File ✓

Entered On S R Sheet _____

Location Map Pinned _____

Card Indexed ✓

I W R for State or Fee Land _____

Checked by Chief R. L. D.

Copy NID to Field Office _____

Approval Letter ✓

Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 12-29-60

OW _____ WW _____ TA _____

GW _____ OS _____ PA X

Location Inspected H. L. C.

Bond released _____

State of Fee Land _____

LOGS FILED

Driller's Log 4-6-61

Electric Logs (No.) 3

E 1 E-I _____ GR _____ GR-N ✓ Micro _____

Lat ✓ Mi-L _____ Sonic ✓ Others _____

THE PURE OIL COMPANY

GENERAL OFFICES, 35 EAST WACKER DRIVE, CHICAGO.

ROCKY MOUNTAIN PRODUCING DIVISION

~~XXXXXXXXXX~~

~~XXXXXXXXXX~~

P. O. Box 265
Moab, Utah
October 31, 1960

Mr. Cleon B. Feight, Secretary
Utah Oil and Gas Conservation Commission
310 Newhouse Building
Salt Lake City, Utah

Dear Mr. Feight:

Enclosed in duplicate, with plats attached,
is Notice of Intention to drill La Sal USA No. 1,
located in NW NE, Sec. 19-29S-24E, San Juan County,
Utah.

At your earliest convenience would you please
send some Form OGCC-1, Sundry Notices and Reports
on Wells?

Yours very truly,

THE PURE OIL COMPANY

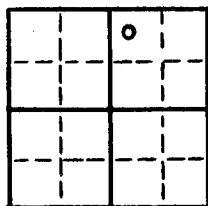
J. B. Strong
J. B. Strong
District Chief Clerk

Encl: (2)

→ Sent 11-3-60

(SUBMIT IN DUPLICATE)

LAND:



Sec. 19

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
SALT LAKE CITY 14, UTAH

Fee and Patented.....☐
State☐
Lease No.
Public Domain☒
Lease No. U-012129
Indian☐
Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

| | | |
|--|---|--|
| Notice of Intention to Drill..... Notice of Intention to Change Plans..... Notice of Intention to Redrill or Repair..... Notice of Intention to Pull or Alter Casing..... Notice of Intention to Abandon Well..... | <input checked="" type="checkbox"/> | Subsequent Report of Water Shut-off..... Subsequent Report of Altering Casing..... Subsequent Report of Redrilling or Repair..... Supplementary Well History..... |
|--|---|--|

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 31, 1960

La Sal USA

Well No. 1 is located 660 ft. from {N} line and 1980 ft. from {E} line of Sec. 19

NW NE 19 29S 24E Salt Lake

(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat San Juan County Utah

(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface floor~~ ground above sea level is 6500 feet. (Ungraded)

KB elevation will be furnished later.

A drilling and plugging bond has been filed with U. S. Government

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

PROPOSED CASING PROGRAM

60' - 20" conductor (Cemented to surface)
 1,000' - 13-3/8" surface casing (Cemented to surface)
 10,750' - 5-1/2" production string (Approx. 350 sacks)

Principal objective is the McCracken formation.

Estimated total depth 10,750'.

Will core and DST as shows indicate.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company THE PURE OIL COMPANY

Address P. O. Box 265

Moab, Utah

By J. B. Strong
J. B. Strong
 Title District Chief Clerk

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

THE PURE OIL COMPANY LOCATION REPORT

Date October 31, 1960

A.F.E. No. _____

Division Rocky Mountain Producing Prospect La Sal Prospect Lease USA (Utah 012129)

Acres 1087.97 Lease No. 8374 Elevation 6500 Gr. Ung. Well No. 1 (Serial No. _____)

Quadrangle NW NE Sec. 19 Twp. 29S Rge. 24E Blk. Dist. Twp.

Survey Salt Lake Meridian County San Juan State Utah

Operator The Pure Oil Company Map _____

660 Feet South of the North line of Section
1980 Feet West of the East line of Section
Feet _____ of the _____ line of _____
Feet _____ of the _____ line of _____

LEGEND

○ Location

☼ Gas Well

● Oil Well

☼ Gas—Distillate Well

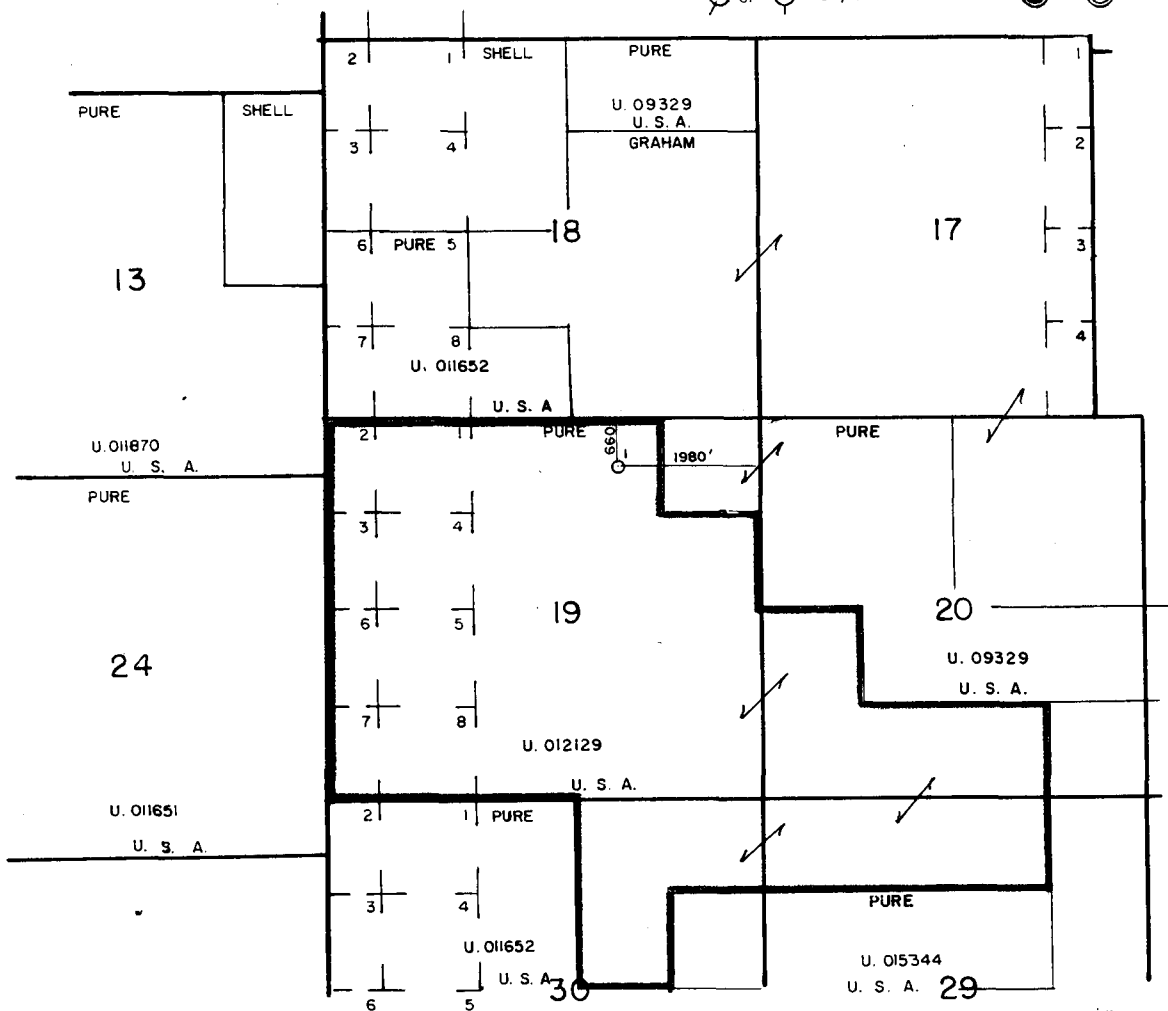
○ or ○ Dry Hole

⊗ Abandoned Location

☼ or ☼ Abandoned Gas Well

● or ● Abandoned Oil Well

⊗ or ⊗ Input Well



Remarks: _____

Submitted by Ref. Linder Civil Engineer

Approved by _____ Division Manager

Approved by _____ Vice-President—General Manager

November 3, 1960

The Pure Oil Company
P. O. Box 265
Moab, Utah

Attention: J. B. Strong, Dist. Chief Clerk

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. La Sal USA #1, which is to be located 660 feet from the north line and 1980 feet from the east line of Section 19, Township 29 South, Range 24 East, SLM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT,
EXECUTIVE SECRETARY

CBF:avg

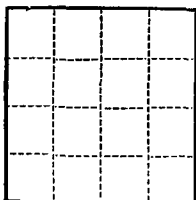
cc: Jerry W. Long, Dist. Eng.
U. S. Geological Survey

H. L. Coonts - OGCC, Moab

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. Utah - 012129
Unit Wildcat



SUNDRY NOTICES AND REPORTS ON WELLS

| | | |
|---|---|---|
| NOTICE OF INTENTION TO DRILL..... | SUBSEQUENT REPORT OF WATER SHUT-OFF..... | |
| NOTICE OF INTENTION TO CHANGE PLANS..... | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING..... | |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF..... | SUBSEQUENT REPORT OF ALTERING CASING..... | |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL..... | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR..... | |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE..... | SUBSEQUENT REPORT OF ABANDONMENT..... | |
| NOTICE OF INTENTION TO PULL OR ALTER CASING..... | SUPPLEMENTARY WELL HISTORY..... | X |
| NOTICE OF INTENTION TO ABANDON WELL..... | | |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 22, 1960

La Sal 82A
Well No. 1 is located 660 ft. from {N} line and 1980 ft. from {E} line of sec. 19
NE Sec. 19 29-S 24-E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6500 ft.
as elevation 6515 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded 11-15-60.

11-10-60 - Set one joint 20" OD conductor pipe at 10', ground measurement, by contract roustabout crew, cemented with 9-1/2 yards ready mix cement.

11-20-60 - Set 30 joints 13-3/8" OD 54.50# J-55 casing at 967', cemented with 500 sacks 50-50 Pozmix with 2 per cent Gel and 1/4# Flocculo per sack, followed with 100 sacks Neat cement with 2 per cent calcium chloride.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Pure Oil Company

Address P. O. Box 265

Kearns, Utah

By J. B. Strong
J. B. Strong
Title District Chief Clerk

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake
LEASE NUMBER Utah 012129
UNIT Wildcat

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 19 60,

Agent's address P. O. Box 265 Company The Pure Oil Company

Mosb, Utah

Signed J.B. Strong

Phone Alpine 3-3581

Agent's title District Chief Clerk

| SEC. AND ¼ OF ¼ | TWP. | RANGE | WELL NO. | DAYS PRODUCED | BARRELS OF OIL | GRAVITY | CU. FT. OF GAS (In thousands) | GALLONS OF GASOLINE RECOVERED | BARRELS OF WATER (If none, so state) | REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas) |
|--------------------------------|------|-------|-------------|------------------|----------------|---------|----------------------------------|-------------------------------------|--|--|
| NW NE Sec. 19 La Sal USA | 29S | 24E | 1 | -0- | | | | | | Location Report: 660' FML and 1980' FEL, San Juan County, Utah. Spudded 11:30 AM 11-15-60. Set 1 ft. 20" OD casing at 10' ground level measurement with 9-1/2 yds. ready mix cement. Drilled to 993'. Set 30 jts. 13-3/8" OD casing at 967' with 500 sacks 50-50 Pozmix with 1/4% gel and 1/4% Floccs per sack, followed with 100 sax neat cement with 2% calcium chloride. Drilled 993' - 3943'. |

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

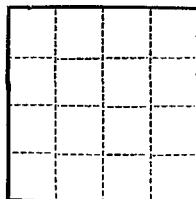
No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. Utah 012129
Unit Wildcat



SUNDRY NOTICES AND REPORTS ON WELLS

| | |
|--|--|
| NOTICE OF INTENTION TO DRILL | SUBSEQUENT REPORT OF WATER SHUT-OFF |
| NOTICE OF INTENTION TO CHANGE PLANS | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF | SUBSEQUENT REPORT OF ALTERING CASING |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE | SUBSEQUENT REPORT OF ABANDONMENT |
| NOTICE OF INTENTION TO PULL OR ALTER CASING | SUPPLEMENTARY WELL HISTORY |
| NOTICE OF INTENTION TO ABANDON WELL | |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 14, 1960

La Sal USA
Well No. 1 is located 660 ft. from N line and 1980 ft. from E line of sec. 19

NW NE Sec. 19 29-S 24-R Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~ground~~ ground above sea level is 6500 ft.
KB elevation 6515
DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

12-9-60 Halliburton DST No. 1, 6010' - 6077', (Elastic zone in Salt). Tool open 2 hrs and 15 minutes. Gas to surface in 5 minutes. Gas est. at 50 MCF initially, decreased to est. 3 to 4 MCF in 30 minutes. Recovered 350' of gas out salt water and drilling mud. Pressures: 30 minutes ICI 1530, IF 95, FF 145, one hour FCI 425, IN 3180, FH 3165.

12-12-60 Halliburton DST No. 2, 7089' - 7156'. Tool open one hour. Gas to surface in 6 minutes. Est. at 50 MCF/D, decreased to est. 35 MCF/D at end of test. Recovered 750' of water and gas out drilling fluid. Pressures: 30 minute ICI 2860, IF 235, FF 285, 30 minute FCI 1730, IN and FH 4165.

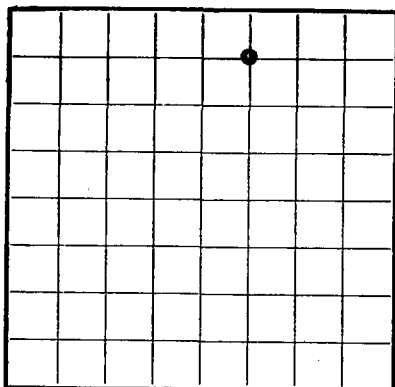
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Pure Oil Company

Address P. O. Box 265

Moab, Utah

By J. B. Strong
Title District Chief Clerk



LOCATE WELL CORRECTLY

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

Salt Lake City, Utah

To be kept Confidential until _____
(Not to exceed 4 months after filing date)

LOG OF OIL OR GAS WELL

Operating Company The Pure Oil Company Address P.O. Box 265 - Moab, Utah
Lease or Tract: U. S. Government Field Wildcat State Utah
La Sal USA
Well No. 1 Sec. 19 T. 29S R. 24E Meridian Salt Lake County San Juan KB 6515'
Location 660 ft. XXX of N Line and 1980 ft. XXX of E Line of NW NE, Sec. 19 Elevation Gr. 6500'
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed J B Strong JR
Title District Chief Clerk

Date April 5, 1961

The summary on this page is for the condition of the well at above date.

Commenced drilling November 15, 1960 Finished drilling December 25, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

| Size casing | Weight per foot | Threads per inch | Make | Amount | Kind of shoe | Cut and pulled from | Perforated | | Purpose |
|-------------|-----------------|------------------|------|--------|--------------|---------------------|------------|-----|----------------------|
| | | | | | | | From— | To— | |
| 20" | 94# | 8-V | SS | 10' | Coupling | | | | Cemented to surface. |
| 13-3/8" | 54.5# | 8-R | SS | 967' | Float | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|----------------|-------------|--------------------|
| 20" | 10' | 9-1/2 yards | Contract Labor | | |
| 13-3/8" | 967' | 600 sx | Halliburton | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

FOLD MARK

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|------|------------|----------------|----------|------|------------|-------------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

TOOLS USED

Rotary tools were used from zero feet to 9807 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Date P & A December 29, _____, 1960 Put to producing Dry Hole, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION |
|-------|-------|------------|---|
| | | | At the end of complete Driller's Log add Geologic Tops. State whether from Electric Logs or samples. |
| -0- | 993' | 993' | Sand and shale. |
| 993' | 1831' | 838' | Sandstone. |
| 1831' | 2218' | 387' | Sand and shale. |
| 2218' | 3486' | 1268' | Sand. |
| 3486' | 3708' | 222' | Sand and a little shale. |
| 3708' | 3866' | 158' | Sand, shale and chert. |
| 3866' | 3943' | 77' | Sand and chert. |
| 3943' | 4051' | 108' | Sand and shale. |
| 4051' | 4264' | 213' | Shale, limestone and sand. |
| 4264' | 4328' | 64' | Shale and lime. |
| 4328' | 4532' | 204' | Dolomite and lime. |
| 4532' | 4668' | -136' | Lime and shale. |
| 4668' | 7458' | 2790' | Salt. |
| 7458' | 8017' | 559' | Salt, shale and dolomite. |
| 8017' | 8258' | 511' | Shale and anhydrite. |
| 8258' | 8542' | 14' | Shale. |
| 8542' | 8718' | -176' | Shale and dolomite. |
| 8718' | 9018' | 300' | Dolomite, shale, salt and anhydrite. |
| 9018' | 9463' | 445' | Salt, shale and dolomite. |
| 9463' | 9541' | 78' | Lime. |
| 9541' | 9595' | 54' | Limestone and dolomite. |
| 9595' | 9642' | 47' | Limestone. |
| 9642' | 9807' | -165' | Lime and shale. |

9807'

[OVER] TOTAL DEPTH

APR 6 1961

FORMATION RECORD—Continued

| FROM— | TO— | TOTAL FEET | FORMATION |
|--|-----|------------|-----------|
| Halliburton DST No. 1, 6010' - 6077'. (Clastic zone in salt.) Tool open 2 hours and 15 minutes. Gas to surface in 5 minutes. Gas estimated at 50 MCF initially, decreased to estimated 3 to 4 MCF in 30 minutes. Recovered 350' of gas cut salt water and drilling mud. Pressures: 30 minutes ICI 1530, IF 95, FF 145, one hour FCI 425, IH 3180, FH 3165. | | | |
| Halliburton DST No. 2, 7089' - 7156'. Tool open one hour. Gas to surface in 6 minutes. Gas estimated at 50 MCF/D, decreased to estimated 35 MCF/D at end of test. Recovered 750' of water and gas cut drilling fluid. Pressures: 30 minutes ICI 2860, IF 235, FF 285, 30 minute FCI 1730, IH and FH 4165. | | | |
| Halliburton DST No. 3, 9660' - 9743'. Ran 800' of water cushion. Tool open one hour. Opened with a weak blow, increased to good blow in 10 minutes, decreased to a very weak blow in 30 minutes and continued throughout test. No gas to surface. Recovered 800' of water cushion plus 1650' of salt water. Pressures: 30 minute ICI 3255, IF 425, FF 1218, 30 minute FCI 3255, FH 5615. | | | |

IMPORTANT MARKERS

| | |
|-------------|-------|
| Hermosa | 2592' |
| Paradox "A" | 4427' |
| Paradox "B" | 4661' |
| Salt | 4746' |

NOTE: Electric Logs were run to a depth of only 9092' due to fish being ~~knocked~~ stuck in the hole. Left in hole was the drill collars and bit, and the bit was in the salt when the well was logged, the drill pipe stuck when they were coming out of the hole, they had pulled 7 stands and one single and the pipe stuck at this point.